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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/503,387DATE: 03/03/2000  
TIME: 10:47:00

Input Set: I503387.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Busfield, S.  
2 Villeval, J.  
3 Jandrot-Perrus, M.  
4 Vainchenker, W.  
5 <120> TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF  
6 <130> FILE REFERENCE: 7853-178  
7 <140> CURRENT APPLICATION NUMBER: US/09/503,387  
8 <141> CURRENT FILING DATE: 2000-02-14  
9 <150> EARLIER APPLICATION NUMBER: 09/345,468  
10 <151> EARLIER FILING DATE: 1999-06-30  
11 <160> NUMBER OF SEQ ID NOS: 24  
12 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
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14 <211> LENGTH: 2047  
15 <212> TYPE: DNA  
16 <213> ORGANISM: Homo sapiens  
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20 cctccaggc tctgcccagc tccctggtgc cctggagaa gccagtgacc ctccggtgcc 180  
21 agggacctcc gggcgtggac ctgtaccgcc tggagaagct gagttccagc aggtaccagg 240  
22 atcaggcagt cctcttcac cggccatga agagaagtct ggctggacgc taccgctgct 300  
23 cctaccagaa cggaagcctc tggctccctgc ccagcgacca gctggagctc gttgccacgg 360  
24 gagtttttgc caaacctcgc ctctcagccc agcccggccc ggcggtgtcg tcaggagggg 420  
25 acgtaacct acagtgtcag actcggatg gctttgacca atttgcctcg tacaaggaag 480  
26 gggacctgc gccctacaag aatcccagag gatggtaccg ggctagtttc cccatcatca 540  
27 cgggtgaccgc cggccacagc ggaacctacc gatgctacag cttctccagc agggacctat 600  
28 acctgtggtc ggccccacgc gacccctgg agcttgtggt cacaggaacc tctgtgacct 660  
29 ccagccggtt accaacagaa ccaccttct cggtagcaga attctcagaa gccaccgctg 720  
30 aactgacct ctcatcaca aacaaagtct tcacaactga gacttctagg agtatacca 780  
31 ccagtccaaa ggagtcagac tctccagctg gtctgcccg ccagtactac accaagggca 840  
32 acctggtccg gatatgcctc ggggctgtga tctaataat cctggcgggg tttctggcag 900  
33 aggactggca cagccggagg aagcgctgc ggcacagggg cagggctgtg cagaggccgc 960  
34 ttccgcccct gccgcccctc ccgcagacc ggaaatcaca cgggggtcag gatggaggcc 1020  
35 gacaggatgt tcacagccgc gggttatgtt catgaccgct gaaccccagg cacggtcgta 1080  
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38 catcaggag ccgttcggcc agtgtctgtc tgtctgtctg cctctctgtc tgagggcacc 1260  
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40 gacatggtac cctggctgga ccacatactg gcctctttct tcaacctctc taatatgggc 1380  
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43 tcacctcac tccatctccc actgcggtct aacaaatctc ctttcgtctc tcagaacggg 1560  
44 tcttgaggc agtttgggta tgtcattcat tttccttagt gtaaaactag caggttgccc 1620

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47      gcaactcggg gggctgaggt gggagaatgg cttgagcctg ggaggcagag gttgcagtga      1800
48      gctgagatca caccactgca ctctagctcg ggtgacgaag cctgaccttg tctcaaaaaa      1860
49      tacagggatg aatatgtcaa ttaccctgat ttgatcatag cacgttgtat acatgtactg      1920
50      caatattgct gtccacccca taaatatgta caattatgta tacattttta aaatcataaa      1980
51      aataagataa tgaaaaaaaa aaaaaaaaaa aaaaaaaggg cgggccgcta gactagtcta      2040
52      gagaaca                                         2047

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53 &lt;210&gt; SEQ ID NO 2

54 &lt;211&gt; LENGTH: 1017

55 &lt;212&gt; TYPE: DNA

56 &lt;213&gt; ORGANISM: Homo sapiens

57 &lt;400&gt; SEQUENCE: 2

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60      gagaagccag tgaccctccg gtgccaggga cctccggggc tggacctgta ccgcctggag      180
61      aagctgagtt ccagcaggta ccaggatcag gcagtcctct tcatcccggc catgaagaga      240
62      agtctggctg gacgctaccg ctgctcctac cagaacggaa gcctctggtc cctgcccagc      300
63      gaccagctgg agctcgttgc cacgggagtt ttgccaac cctcgctctc agcccagccc      360
64      ggcccggcgg tgtcgtcagg aggggacgta accctacagt gtcagactcg gtatggcttt      420
65      gaccaatttg ctctgtacaa ggaaggggac cctgcgcctt acaagaatcc cgagagatgg      480
66      taccgggcta gtttcccat catcacggtg accgcgcgcc acagcggaac ctaccgatgc      540
67      tacagcttct ccagcaggga cccatacctg tggtcggccc ccagcgaccc cctggagctt      600
68      gtggtcacag gaacctctgt gacccccagc cggttacca cagaaccacc ttcctcggtg      660
69      gcagaattct cagaagccac cgctgaactg accgtctcat tcacaaacaa agtcttcaca      720
70      actgagactt ctaggagtat caccaccagt ccaaaggagt cagactctcc agctggctct      780
71      gccgcagagt actacaccaa gggcaacctg gtccggatat gcctcggggc tgtgatecta      840
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73      aggggcaggg ctgtgcagag gccgcttccg cccctgccgc cctcccgcga gaccggaaa      960
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75 &lt;210&gt; SEQ ID NO 3

76 &lt;211&gt; LENGTH: 339

77 &lt;212&gt; TYPE: PRT

78 &lt;213&gt; ORGANISM: Homo sapiens

79 &lt;400&gt; SEQUENCE: 3

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80      Met Ser Pro Ser Pro Thr Ala Leu Phe Cys Leu Gly Leu Cys Leu Gly
81      1          5          10          15
82      Arg Val Pro Ala Gln Ser Gly Pro Leu Pro Lys Pro Ser Leu Gln Ala
83      20          25          30
84      Leu Pro Ser Ser Leu Val Pro Leu Glu Lys Pro Val Thr Leu Arg Cys
85      35          40          45
86      Gln Gly Pro Pro Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser
87      50          55          60
88      Ser Arg Tyr Gln Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg
89      65          70          75          80
90      Ser Leu Ala Gly Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp
91      85          90          95
92      Ser Leu Pro Ser Asp Gln Leu Glu Leu Val Ala Thr Gly Val Phe Ala
93      100          105          110
94      Lys Pro Ser Leu Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly

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95          115          120          125
96  Asp Val Thr Leu Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala
97          130          135          140
98  Leu Tyr Lys Glu Gly Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp
99  145          150          155          160
100 Tyr Arg Ala Ser Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly
101          165          170          175
102 Thr Tyr Arg Cys Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser
103          180          185          190
104 Ala Pro Ser Asp Pro Leu Glu Leu Val Val Thr Gly Thr Ser Val Thr
105          195          200          205
106 Pro Ser Arg Leu Pro Thr Glu Pro Pro Ser Ser Val Ala Glu Phe Ser
107          210          215          220
108 Glu Ala Thr Ala Glu Leu Thr Val Ser Phe Thr Asn Lys Val Phe Thr
109 225          230          235          240
110 Thr Glu Thr Ser Arg Ser Ile Thr Thr Ser Pro Lys Glu Ser Asp Ser
111          245          250          255
112 Pro Ala Gly Pro Ala Arg Gln Tyr Tyr Thr Lys Gly Asn Leu Val Arg
113          260          265          270
114 Ile Cys Leu Gly Ala Val Ile Leu Ile Ile Leu Ala Gly Phe Leu Ala
115          275          280          285
116 Glu Asp Trp His Ser Arg Arg Lys Arg Leu Arg His Arg Gly Arg Ala
117          290          295          300
118 Val Gln Arg Pro Leu Pro Pro Leu Pro Pro Leu Pro Gln Thr Arg Lys
119 305          310          315          320
120 Ser His Gly Gly Gln Asp Gly Gly Arg Gln Asp Val His Ser Arg Gly
121          325          330          335
122  Leu Cys Ser
123 <210> SEQ ID NO 4
124 <211> LENGTH: 20
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
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130  Arg Val Pro Ala
131          20
132 <210> SEQ ID NO 5
133 <211> LENGTH: 319
134 <212> TYPE: PRT
135 <213> ORGANISM: Homo sapiens
136 <400> SEQUENCE: 5
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138      1          5          10          15
139  Leu Val Pro Leu Glu Lys Pro Val Thr Leu Arg Cys Gln Gly Pro Pro
140          20          25          30
141  Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser Ser Arg Tyr Gln
142          35          40          45
143  Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg Ser Leu Ala Gly
144      50          55          60

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145	Arg	Tyr	Arg	Cys	Ser	Tyr	Gln	Asn	Gly	Ser	Leu	Trp	Ser	Leu	Pro	Ser
146	65					70					75					80
147	Asp	Gln	Leu	Glu	Leu	Val	Ala	Thr	Gly	Val	Phe	Ala	Lys	Pro	Ser	Leu
148					85					90					95	
149	Ser	Ala	Gln	Pro	Gly	Pro	Ala	Val	Ser	Ser	Gly	Gly	Asp	Val	Thr	Leu
150				100						105				110		
151	Gln	Cys	Gln	Thr	Arg	Tyr	Gly	Phe	Asp	Gln	Phe	Ala	Leu	Tyr	Lys	Glu
152			115					120					125			
153	Gly	Asp	Pro	Ala	Pro	Tyr	Lys	Asn	Pro	Glu	Arg	Trp	Tyr	Arg	Ala	Ser
154		130					135					140				
155	Phe	Pro	Ile	Ile	Thr	Val	Thr	Ala	Ala	His	Ser	Gly	Thr	Tyr	Arg	Cys
156	145					150					155					160
157	Tyr	Ser	Phe	Ser	Ser	Arg	Asp	Pro	Tyr	Leu	Trp	Ser	Ala	Pro	Ser	Asp
158					165					170					175	
159	Pro	Leu	Glu	Leu	Val	Val	Thr	Gly	Thr	Ser	Val	Thr	Pro	Ser	Arg	Leu
160				180						185				190		
161	Pro	Thr	Glu	Pro	Pro	Ser	Ser	Val	Ala	Glu	Phe	Ser	Glu	Ala	Thr	Ala
162			195					200					205			
163	Glu	Leu	Thr	Val	Ser	Phe	Thr	Asn	Lys	Val	Phe	Thr	Thr	Glu	Thr	Ser
164		210					215					220				
165	Arg	Ser	Ile	Thr	Thr	Ser	Pro	Lys	Glu	Ser	Asp	Ser	Pro	Ala	Gly	Pro
166	225					230					235					240
167	Ala	Arg	Gln	Tyr	Tyr	Thr	Lys	Gly	Asn	Leu	Val	Arg	Ile	Cys	Leu	Gly
168					245					250					255	
169	Ala	Val	Ile	Leu	Ile	Ile	Leu	Ala	Gly	Phe	Leu	Ala	Glu	Asp	Trp	His
170				260						265					270	
171	Ser	Arg	Arg	Lys	Arg	Leu	Arg	His	Arg	Gly	Arg	Ala	Val	Gln	Arg	Pro
172			275					280						285		
173	Leu	Pro	Pro	Leu	Pro	Pro	Leu	Pro	Gln	Thr	Arg	Lys	Ser	His	Gly	Gly
174		290					295					300				
175	Gln	Asp	Gly	Gly	Arg	Gln	Asp	Val	His	Ser	Arg	Gly	Leu	Cys	Ser	
176	305					310					315					

177 <210> SEQ ID NO 6

178 &lt;211&gt; LENGTH: 41

179 <212> TYPE: PRT

180 <213> ORGANISM: Homo sapiens

181 <400> SEQUENCE: 6

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183	1	5	10	15
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184 Ser Ser Arg Tyr Gln Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys

185	20	25	30
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186 Arg Ser Leu Ala Gly Arg Tyr Arg Cys

187                      35                      40

188 <210> SEQ ID NO 7

189 <211> LENGTH: 47

190 <212> TYPE: PRT

191 <213> ORGANISM: Homo sapiens

192 <400> SEQUENCE: 7

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194	1	5	10	15
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196				20					25					30		
197	Pro	Ile	Ile	Thr	Val	Thr	Ala	Ala	His	Ser	Gly	Thr	Tyr	Arg	Cys	
198			35					40					45			
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206	Phe	Leu	Ala													
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209	<212>	TYPE:	PRT													
210	<213>	ORGANISM:	Homo sapiens													
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213	1				5					10					15	
214	Leu	Val	Pro	Leu	Glu	Lys	Pro	Val	Thr	Leu	Arg	Cys	Gln	Gly	Pro	Pro
215				20				25						30		
216	Gly	Val	Asp	Leu	Tyr	Arg	Leu	Glu	Lys	Leu	Ser	Ser	Ser	Arg	Tyr	Gln
217			35					40					45			
218	Asp	Gln	Ala	Val	Leu	Phe	Ile	Pro	Ala	Met	Lys	Arg	Ser	Leu	Ala	Gly
219		50					55					60				
220	Arg	Tyr	Arg	Cys	Ser	Tyr	Gln	Asn	Gly	Ser	Leu	Trp	Ser	Leu	Pro	Ser
221	65					70					75				80	
222	Asp	Gln	Leu	Glu	Leu	Val	Ala	Thr	Gly	Val	Phe	Ala	Lys	Pro	Ser	Leu
223					85					90					95	
224	Ser	Ala	Gln	Pro	Gly	Pro	Ala	Val	Ser	Ser	Gly	Gly	Asp	Val	Thr	Leu
225				100					105					110		
226	Gln	Cys	Gln	Thr	Arg	Tyr	Gly	Phe	Asp	Gln	Phe	Ala	Leu	Tyr	Lys	Glu
227			115					120					125			
228	Gly	Asp	Pro	Ala	Pro	Tyr	Lys	Asn	Pro	Glu	Arg	Trp	Tyr	Arg	Ala	Ser
229		130					135					140				
230	Phe	Pro	Ile	Ile	Thr	Val	Thr	Ala	Ala	His	Ser	Gly	Thr	Tyr	Arg	Cys
231	145					150					155					160
232	Tyr	Ser	Phe	Ser	Ser	Arg	Asp	Pro	Tyr	Leu	Trp	Ser	Ala	Pro	Ser	Asp
233					165					170					175	
234	Pro	Leu	Glu	Leu	Val	Val	Thr	Gly	Thr	Ser	Val	Thr	Pro	Ser	Arg	Leu
235				180					185					190		
236	Pro	Thr	Glu	Pro	Pro	Ser	Ser	Val	Ala	Glu	Phe	Ser	Glu	Ala	Thr	Ala
237			195	</												

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